

We Claim:

1. A coating composition comprising a urethane polymer and fumed alumina.
2. The composition of claim 1 further comprising an acrylic polymer.
3. The composition of claim 1 wherein the coating composition includes a hydrocarbon solvent.
4. The composition of claim 1 wherein the coating composition includes water.
5. The composition of claim 2 wherein said coating composition comprises a total solids weight between about 15 and 80 wt%.
6. The composition of claim 1 further comprising additives chosen from the group consisting of thickeners, freeze thaw agents, surfactants, defoamers, biocides, preservatives, flow agents, dispersants, driers, antiskinning agents, and mixtures thereof.
7. The composition of claim 1 wherein said fumed alumina has a density between about 40 and 150 g/cm².
8. The composition of claim 1 wherein said fumed alumina comprises between about 0.1 and 5 wt% of the coating composition.

9. The composition of claim 1 wherein the fumed alumina has a particle size of less than about 1 μm .
10. The composition of claim 1 further comprises silica.
- 5 11. A method for making a coating composition comprising combining a urethane polymer and fumed alumina.
- 10 12. The method of claim 10 further comprising including an acrylic polymer in the composition.
13. The method of claim 10 wherein the polymer and alumina are combined in water.
- 15 14. The method of claim 10 wherein the polymer and alumina are combined in a hydrocarbon solvent.
15. The method of claim 10 wherein said coating composition comprises a total solids weight between about 15 and 80 wt%.
- 20 16. The method of claim 10 further comprising mixing with the coating composition additives chosen from the group consisting of thickeners, freeze thaw agents, surfactants, defoamers, biocides, preservatives, flow agents, dispersants, driers, antiskinning agents, and mixtures thereof.

17. The method of claim 10 wherein said fumed alumina has a density between about 40 and 150 g/cm².

18. The method of claim 10 wherein said fumed alumina comprises between about 0.1
5 and 5 wt% of the coating composition.

19. The method of claim 10 further comprising including silica in the composition.

20. A method of finishing a wood floor comprising:

- 10 a. stripping an existing coating from the wood floor and/or sanding the wood floor, and
- b. the application of a coating composition comprising urethane polymers and fumed alumina to said wood floor.

15 21. The method of claim 19 wherein said application step b is repeated to increase finish thickness.